



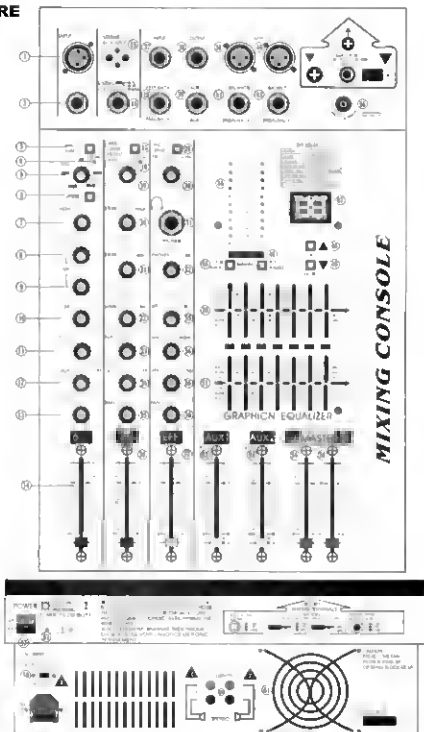
PYMA12 & PYMA16

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STEREO AMPLIFIER CONSOLE

INSTRUCTION MANUAL

FIGURE



1. SPECIFICATIONS

1. Input specifications

PYMA-12: 10-line microphone line input, 1 stereo input

PYMA-16: 14-line microphone line input, 1 stereo input

Microphone input impedance: 2.5k Ω Input level: -60dB

Line input impedance: 47K Ω Input level: -20dB

Stereo input impedance: 10k Ω Input level: -20dB

Effect feedback input impedance: 10k Ω Input level: 0dB

2. Output specifications

Stereo output impedance Balance 150 Ω Output level: +4dB

Un balance 75 Ω

Rated 600 Ω

Auxiliary output impedance: unbalance 75 Ω Output level: +4dB

rated 600 Ω

Earphone output impedance: 100 Ω

rated 32 Ω Output power: 3mW

Power amplifier output impedance: 8 Ω Output power: 2-200W

4 Ω Output power: 2-350W

3. Frequency specifications

Frequency response 20Hz-20KHz

Harmonic distortion < 0.1% (20Hz-20KHz)

Channel 3-band frequency equalizer controls

High frequency: 10KHz ± 15 dB

Middle frequency: 350Hz-8KHz ± 15 dB

Low frequency: 100Hz ± 15 dB

Stereo channel 3-band frequency equalizer controls

High frequency: 10KHz ± 15 dB

Middle frequency: 1KHz ± 15 dB

Low frequency: 100Hz ± 15 dB

Effect channel 2-band frequency equalizer controls

High frequency: 3.5KHz ± 12 dB

Low frequency: 100Hz ± 12 dB

Effect frequency response: 60Hz-12KHz

2x 7-band frequency equalizer controls:

63Hz 160Hz 400Hz 1KHz 2.5KHz 6.3KHz 16KHz ± 12 dB

Voltage: 220V/60Hz

II. Operating method:

Stereo power amplifier tuning desks of PYMA12 and PYMA16 series, except for different lines, their other specifications and operation are all the same. Action of every point of front faces are shown in figure

STEREO CONSOLE INSTRUCTION MANUAL

1. Microphone line Cannon input jack, can receive both balance and impedance signals
2. Microphone line input 1/4" jack, can receive both balance and impedance signals
3. Microphone line switch, attenuation 40dB
4. Input signal overload indicator of each line
5. Gain control of each line, gain control range 40dB
6. High-pass filter switch, removes the low frequency signals below 100Hz
7. High tone level control ± 15 dB raising attenuation at 10KHz
8. Middle frequency tuning control, tuning frequency range: 350Hz-8KHz
9. Middle tone level control, ± 15 dB raising attenuation at tuning frequency range of 350KHz-8KHz
10. Low tone level control, ± 15 dB raising attenuation at 100Hz
11. Auxiliary 1 level control of each line, controls the level of auxiliary 1 channel of each line
12. Auxiliary 2 level control of each line, controls the level of auxiliary 2 channel and the effect of each line
13. Volume control of each line, control the volume balance between left and right side of the main input channel
14. Volume control lever of each line, controls the left and right volume strength of the main input channel
15. Input RCA jack of stereo, input level-20dB
16. Input 1/4" jack of stereo, input level-20dB
17. Stereo Input switch, attenuation-20dB
18. Input signal overload indicator of stereo
19. Gain control of stereo
20. Stereo high tone control, ± 15 dB raising attenuation at 10KHz
21. Stereo middle tone control, ± 15 dB raising attenuation at 1KHz
22. Stereo low tone control, ± 15 dB raising attenuation at 100Hz
23. Auxiliary 1 level control of stereo, controls the level of auxiliary 1 channel of stereo
24. Auxiliary 2 level control of stereo, controls the level of auxiliary 2 channel and the effect of stereo
25. Volume control of stereo, controls the volume balance between left and right side of the main input channel
26. Volume control level of stereo, controls the left and right volume strength of the main input channel
27. Effect feedback left channel 1/4" input jack, input level 10dB
28. Effect feedback right channel 1/4" input jack, input level 10dB
29. Effect feedback channel input control switch, has 20dB attenuation
30. Effect feedback channel input level control
31. Stereo headphone output jack, output power 3mW
32. Stereo headphone level control
33. Effect echo times control
34. Effect high tone level control, ± 12 dB raising attenuation at 3.5KHz
35. Effect low tone level control, ± 12 dB raising attenuation at 100Hz
36. Effect volume control, controls the effect volume balance between left and right side of the effect sound main input channel
37. Effect volume control lever, controls the left and right volume strength of the effect sound main input channel
38. Auxiliary 1 level output jack, output level: +4dB

- 39. Auxiliary 2 level output jack, output level: +4dB
- 40. Left channel level balance output jack, output level: +4dB
- 41. Left channel level imbalance output jack, output level: +4dB
- 42. Right channel level balance output jack, output level: +4dB
- 43. Right channel level imbalance output jack, output level: +4dB
- 44. 2 x 11-band indicator of left, right and auxiliary 1,2 channel level
- 45. Left channel level/auxiliary 1 channel level switch
- 46. Right channel level/auxiliary 2 channel level switch
- 47. Effect time-lapse digital indicator, 1-16 band
- 48. Effect time-lapse digital indicator tuning up key
- 49. Effect time-lapse digital indicator tuning down key
- 50. Left channel 7-band graphic equalizer controls (raising attenuation)
63Hz 160Hz 400Hz 1KHz 2.5KHz 6.3KHz 16KHz $\pm 12\text{dB}$
- 51. Right channel 7-band graphic equalizer controls (raising attenuation)
63Hz 160Hz 400Hz 1KHz 2.5KHz 6.3KHz 16KHz $\pm 12\text{dB}$
- 52. Auxiliary 1 level control level, controls the level strength of the auxiliary 1 channel input jack
- 53. Auxiliary 2 level control level, controls the level strength of the auxiliary 2 channel input jack
- 54. Left channel level control lever, controls the level strength of left channel input jack
- 55. Right channel level control lever, controls the level strength of right channel input jack
- 56. DJ lamp jack, voltage DC 12V 500mA
- 57. Power switch
- 58. GROUND lift
- 59. Power input
- 60. Power amplifiers output
- 61. Cooling fan
- 62. Power input select switch

It.Caution:

- 1. Each line has a overload indicator (PEAK) on the front face of the tuning desk. When the indicator is lit, the input level is over the limit . Avoid the indicator being lit when using.
- 2. The power voltage should not exceed 110V-220V $\pm 10\%$
- 3. If there is a trouble, refer servicing to qualified service personnel, never remove the enclosure to service by itself.



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